

### Product

Whey protein isolate 92%; low in fat; agglomerated and instantised with sunflower lecithin.

### Description

Volactive® UltraWhey 90 Instant is manufactured from sweet cheese whey using cross-flow membrane filtration. The resulting protein concentrate is spray-dried with concurrent agglomeration and instantised with sunflower lecithin (E322). This product provides an excellent source of natural protein for use in a variety of food and beverage applications in an easy mixing form.

Chemical properties	Typical	Min/Max	Test Reference
Protein % (Nx6.38, dry matter)*	92	90 min	NIR (cal. to Dumas)
Moisture %	4.5	5.5 max	NIR (cal. to moisture balance)
Fat %	0.6	1.0 max	NIR (cal. to Rose Gottlieb)
Lactose %	2.0	3.0 max	NIR (cal. to HPLC)
Ash %	2.5	3.5 max	NIR (cal. to oven, 550°C)
pH	6.2	5.8 min	pH meter (10% solution)

Physical properties	Typical	Test Reference
Appearance	White to cream	Subjective
Taste/Flavour	Milky, clean, no off flavours	Subjective
Scorched Particles	Disc A	ADPI, bulletin 916
Bulk density, g/mL	0.40	Tapped

Microbiological properties	Typical	Max	Test Reference
Total Viable Count, cfu/g	<5,000	10,000	ISO 4833-1:2013
Enterobacteriaceae, cfu/g	Not detected	10	ISO 21528-2:2017
Yeasts, cfu/g	Not detected	10	ISO 6611:2004
Moulds, cfu/g	Not detected	10	ISO 6611:2004
Escherichia coli/25g	Not detected	Not detected	ISO 16649-2:2001
Salmonella/375g	Not detected	Not detected	ISO 6579-1:2017
Coagulase positive staphylococci, cfu/25g	Not detected	10	ISO 6888-1:1999

### \*Protein declaration

The protein declaration of a product is strongly linked to the product application, the industry and/or the legal labelling requirements, according to Regulation (EU) No 1169/2011 on the provision of food information to consumers. The table below provides the different ways that the protein content of Volactive® UltraWhey 90 Instant can be declared.

	Typical	Min
Nx6.38; dry matter basis	92.0	90.0
Nx6.38; as is basis	87.9	86.0
Nx6.25; dry matter basis	90.1	88.2
Nx6.25; as is basis	86.0	84.2

### Intended use

Volactive® UltraWhey 90 Instant is intended for use in products for the general population and has not undergone a food safety risk assessment to determine its suitability for use in products designed for vulnerable or sensitive groups within the population.

**Packaging**

Available in 20kg net weight bags made from fully strippable food grade packaging that complies with Regulation (EC) No. 1935/2004 on materials and articles intended to come into contact with food. The product is contained within an inner heat-sealed, polyethylene liner with an outer multi-wall paper sack.

**Shelf life and storage**

Eighteen months from date of manufacture when stored in the original packaging in a cool dry place; away from strong flavours or odours and any aromatic materials.

**Tariff code**

3502 2091

**For further information contact**

Volac International Ltd, 50 Fishers Lane, Orwell, Royston, SG8 5QX, Hertfordshire, UK.

Tel: +44(0)1223 206818; volactiveorders@volac.com; www.volactive.com.